

# BRCS40P03DP

Rev.C Mar.-2021



DATA SHEET

A	19-05-20				
B	2019-6-1 <sup>4</sup>	1			
C	2021-3-1 <sup>4</sup>	ALL	ZM18503PA		

## / Descriptions

P TO-252

P-CHANNEL MOSFET in a TO-252 Plastic Package.

## / Features

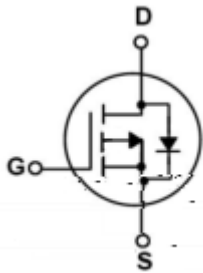
$R_{DS(on)}$

Low  $R_{DS(on)}$ , High Current Capability. Halogen-free Product.

## / Applications

AC-in load switch, Battery protection charge/discharge.

## / Equivalent Circuit



## / Pinning



PIN1 G

PIN 2 D

PIN 3 S

PIN 4 D

## / $h_{FE}$ Classifications & Marking

See Marking Instructions.

**BRCS40P03DP**

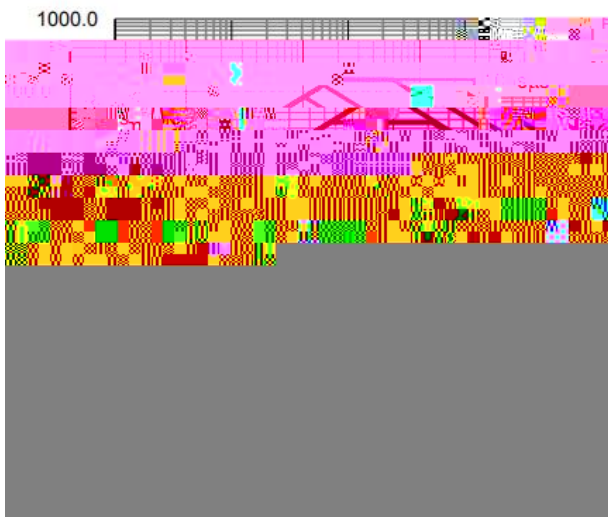
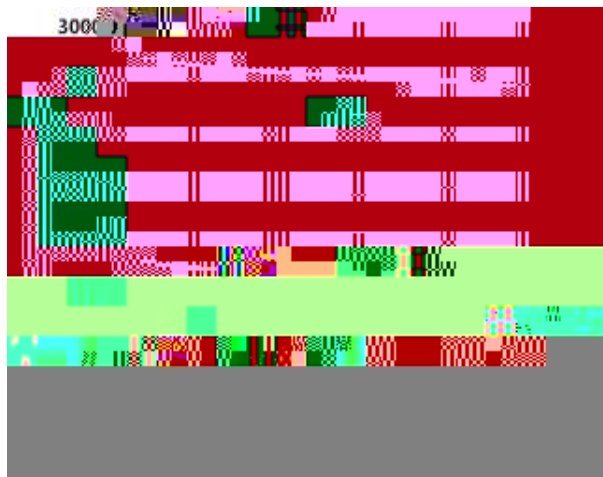


DATA SHEET

Test Conditions	Min	Typ	Max	Unit
$V_{DS}=-0V$ $V_{GS}=0V$ $f=1.0MHz$		2530		pF
		790		
		450		
$V_{GS}=0V$ $V_{DS}=0V$ $f=1MHz$		8		
$V_{GS}=-10V$ $V_{DS}=-15V$ $I_D=-20A$		50	70	nC
		25	35	
		9		
		12		

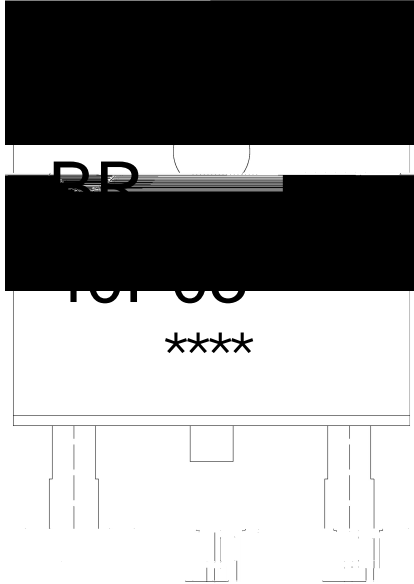


**/ Electrical Characteristic Curve**





**/ Marking Instructions**



BR

40P03

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Note:

BR: Company Code

40P03: Product Type Code.

\*\*\*\*: Lot No. Code, code change with Lot No.

